

JVC®

The Perfect Experience / —
/

Everio Lineup
2011



NOW **IS** FOREVER
HD Everio



NOW **IS** FOREVER

HD Everio

Capturing now and sharing it now. That's just the beginning. Sharing now with future audiences requires quality and presence that stand the test of time. Optical quality. Digital innovation. Audiovisual realism. Everio: everything you need to turn now into memories that last forever.



Full HD
1920x1080

1080P
Output

AVCHD

SD
XC

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

(((Hand)))

Super
LoLux

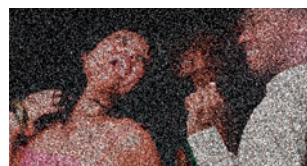
GT
LENS



Real Quality with Real Meaning.

Super LoLux

Low light performance is one of the key factors for quality video. Everio's Super LoLux ensures superior sensitivity to low light. With a Back-illuminated CMOS sensor (on select models), you can capture clear images with precise colours even in low light. No worry while indoors or in dark situations.



Without Super LoLux



With Super LoLux

Advanced Image Stabiliser*

Camera-shake compensation is another important feature of a video camera. Our Advanced Image Stabiliser (A.I.S.) expands the effective area at wide angle, delivering powerful compensation for camera shake. Now, you can enjoy stable results even if you're trotting alongside your subject.



*Especially effective when shooting bright scenes at wide angle



A.I.S. Off



A.I.S. On

HD/SD Dual Format Recording

Record in AVCHD Full HD* if you want to watch the results on an HDTV or burn 1920 x 1080 resolution videos to a Blu-ray disc or DVD. In addition you can record in Standard Definition to edit 720 x 576 resolution videos for longer recording times, burn to standard DVD and share with people who haven't upgraded to HDTV yet. Remember HD for higher quality recordings or SD for broad compatibility and longer recording time — the choice is yours.



*Except GZ-MS150. GZ-HM30 instead offers AVCHD Lite for 1280 x 720 HD recording.

Intelligent AUTO

Wherever you point the camera, it instantaneously analyses faces, brightness, colour and distance, to automatically select the best settings for the scene. Brightness, sharpness, chroma and gamma values, and more, are all continuously optimised. Get the best possible shot, anytime!

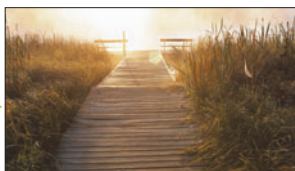


Detectable Scenes

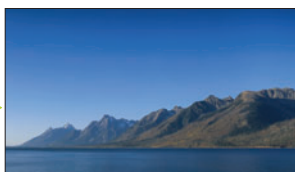
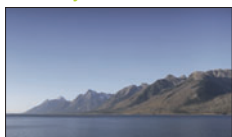
Person



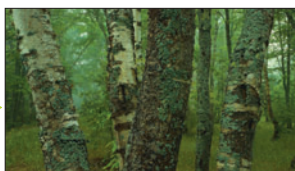
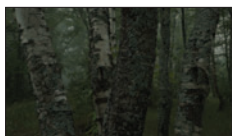
Sunset



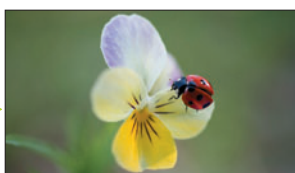
Scenery



Forest

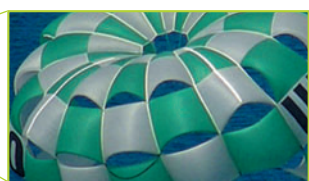


Macro



40x Optical / 70x Dynamic Zoom

When recording in HD, you get up to 40x optical zoom — the industry's highest level. When recording in Standard Definition, the Dynamic Zoom function uses nearly all of the effective pixels of the CMOS to achieve up to 70x magnification without any degradation of picture quality.



40x

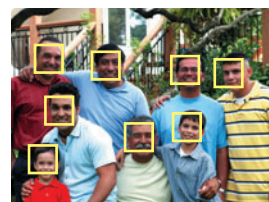
Touch Panel LCD

Just touch on the various function icons and thumbnail pictures that are displayed on the LCD screen. The uniformly flat surface responds instantly to your touch commands, with a frameless design to assure comfortable touch access even for functions displayed on the extreme right or left.



Face Recognition

Everio's Face Detection function intelligently detects up to 16 faces then accurately adjusts the focus and exposure. Face Recognition technology (on select models), allows you to register faces of friends and family so the camera can optimise exposure and focus giving priority to them.



K2 Technology for High Quality Audio

Restores the sound details lost during compression to enable high-quality audio playback that is closer to the original.



2-Way Grip Belt

The newly designed belt works both ways — as a standard grip belt or a convenient wrist strap. You can choose which way, to best match your style of shooting or carrying at any time.



Grip Belt



Wrist Strap

Auto Illumi. Light / Auto Flash

Auto Illumi. Light (equipped on selected models) turns on automatically so you can shoot brilliant videos even in low light. And in addition, high-end Everio even offers Auto Flash which is great for shooting photos in low light.

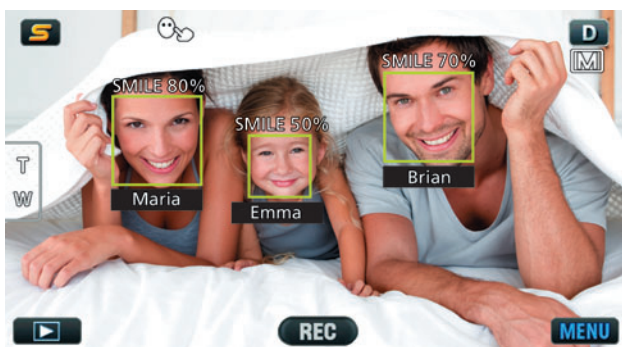


Creative Techniques, Ultra Simple.



Smile Meter & Smile Shot

Just say cheese! The Smile Meter keeps an eye on how much your subjects are smiling, giving you a % display. With Smile Shot, the camera automatically takes a picture (in video mode) every time the smile % reaches a certain level. It's a great way to take group shots filled with smiling faces.



Face Sub-Window

Touch on a face on the LCD screen, and that face is automatically shown enlarged in a corner of the screen. So you can record both a group shot and a close-up of someone at the same time!



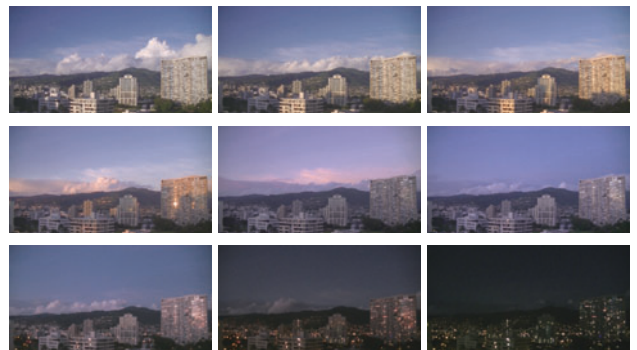
Animation Effect

Choose the theme, and the camera automatically spices up your footage with animated fun graphics and effects while you record. Add an extra touch to make your memories look extra special.



Time-Lapse REC

Time-Lapse REC records one frame at a time at set intervals (1sec.–80sec.). So you can watch movement that's hours long in just a few seconds when played back. It's great when you want to observe an event that takes place over a long period of time or to record unique-looking scenes in a creative way.



Auto REC

When a subject enters the detecting area and the luminance changes, recording starts automatically. Recording continues as long as there is movement within the area and automatically stops after 5 seconds of no movement. You can use it like a surveillance camera or to observe something. Discover new ways to use the camera.



Recording starts



Recording stops in 5 seconds

Easy Sharing and Editing – Everio MediaBrowser 3.



No Installation Disc – It's built into Everio*

Because it's built right into the Everio camera itself*, the new Everio MediaBrowser 3 can be installed directly on your PC right after connecting via USB. No CD required!



*Not available with some models. For details please refer to the comparison chart on P.9-10.

Easy-to-Use Integrated Software

Everio MediaBrowser 3 is high-value software that provides everything from viewing, data management, simple video/stills editing, as well as easy sharing functions, within a single application.



Quick Upload to Facebook/YouTube™

Share as soon as you shoot. Uploading to Facebook and YouTube™ is as easy as following just a few steps that are displayed on the screen.



Create with Easy Video and Still Editing

Everio MediaBrowser 3 lets you create full-fledged edited videos and pictures with ease. Edit video footage and stills into the same creation, spice it up with a music track, add captions, and so much more, with drag-and-drop ease!



Variety of video editing features

- Transition effect
- Length editing (Trimming)
- Text insert
- Music insert, etc.

Edit video easily using the storyboard

Full-fledged photo re-touch functions

Monochrome



Sepia



Spot



Soft/Sharp



Text



Mask (masaic/Opaque)



Software System Requirements (Windows®)

- OS:** Microsoft® Windows® XP SP3, Home Edition/Professional (pre-installed)
Microsoft® Windows Vista® SP2, Home Basic/Home Premium (32-bit/64-bit, pre-installed)
Microsoft® Windows® 7, Home Premium (32-bit/64-bit, pre-installed)
- CPU:** When using HD Video: Intel® Core™ Duo 1.66GHz or higher (Intel® Core™ 2 Duo 2.13GHz or higher recommended), Intel® Core™ i7 2.53GHz or higher recommended for HD video editing
When using SD video: Intel® Pentium® 4 3GHz or higher (Intel® Pentium® D 3.0GHz or higher recommended), Intel® Core™ 2 Quad 2.4GHz or higher recommended for SD video editing
- RAM:** Windows® XP: 1GB or higher, Windows Vista®/Windows® 7: 2GB or higher
- GPU:** Intel G965 (on-board VGA) or higher

Note: Software for Macintosh is not included. The applicable software is required. The system requirements information above is not a guarantee that the provided software will work on all personal computers meeting those requirements.

Step-up Everio with Latest Technologies.

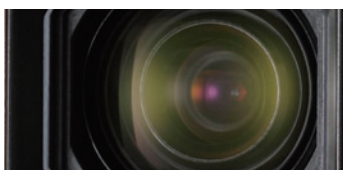
GZ-HM960 / HM845



GZ-HM960

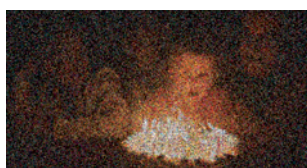
JVC HD LENS GT

New optics were custom designed and manufactured, incorporating several aspherical lenses to achieve finer image reproduction while maintaining a compact profile. Extra-low dispersion glass is used to minimise aberrations.



F1.2 Bright Lens and Back-illuminated CMOS Sensor

The F1.2 lens is approximately two times brighter than conventional camera lenses, and is a perfect match for the Back-illuminated CMOS Sensor. You'll be able to record in low light environments with confidence. Record indoors or outside in darker situations with brilliant results. Record birthdays, weddings, sporting events and everyday life without the need for additional lighting.



F1.8 model



F1.2 model

29.5mm Wide Angle

When zoomed out to full wide (1x), your angle of vision is equivalent to a 29.5mm lens on a 35mm SLR camera. This lets you shoot landscapes and get everyone into group shots, without having to back away.



High-Resolution 920K-pixel 3.5" Touch Panel LCD

This high-resolution LCD screen lets you view your footage in the field with crystal clear results. Its large size means your friends can watch along with you, plus it assures roomy and comfortable touch panel operation.





Newly-Developed High-Speed Imaging Engine

FALCONBRID Engine enables high-speed processing of a huge amount of pixel data to allow quality video recording, and combines 3D NR and 2D NR to reduce noise level by half.



Bluetooth® Wireless Technology (GZ-HM960)

With built-in Bluetooth® Wireless Technology, you can enjoy a variety of wireless applications in combination with optional devices. (Installation of application required.)

• Transfer video to a smartphone

You can transfer video files (resized) from Everio to a compatible smartphone, and then upload to the net without a PC.



• Synchronise with Google Maps™ on a smartphone

With a GPS unit, you can record location data on a video file. When it is played back on Everio, it synchronises with Google Maps™ on a smartphone.



• Synchronise with Google Earth™ on a PC

Location data-included video files also synchronise with Google Earth™ when playing back with Everio MediaBrowser 3 on a PC.

• Remote control Everio

You can control the camera's basic operations via a compatible smartphone.

• Transfer still images

You can transfer still images from Everio to a compatible smartphone.

Note: Works at a distance of up to 10m (approx.). Depending on radio wave activity or physical obstructions in your surroundings, or characteristics of the product you are using, communication may terminate abruptly or communication distance may become reduced to under 10m.
For more details and compatible devices, please consult your local JVC dealer and JVC website.

Enhanced Advanced Image Stabiliser

This powered-up version of A.I.S. uses an effective area that's four times larger than standard A.I.S. to effectively minimise excessive camera shake.



A.I.S. Off



A.I.S. On

2D-3D Conversion (GZ-HM960)

This camcorder is equipped with a professional-grade real time 2D-3D converter that allows you to play back 2D recorded video and stills as 3D images. Of course, regular 2D viewing is also possible.



• Glasses-free 3D LCD Monitor

The monitor gives you a 3D view you can see without having to wear any 3D glasses, so you can check the 3D image in real time while you shoot!



• 3D Playback on 3D Monitor

2D recordings that are converted to 3D can be output via HDMI® to an external 3D monitor for full impact viewing.



Feature Comparison Chart

	GZ-HM960		GZ-HM845		GZ-HD520	GZ-HM655		GZ-HM650	
									
Body colour	●		●		●	●		●	
Internal Storage Media	16GB Flash		8GB Flash		120GB HDD	8GB Flash		8GB Flash	
SDXC/SDHC/SD Card Slot*	Single SDXC Card		Single SDXC Card		Single microSDHC Card	Single SDXC Card		Single SDXC Card	
Image Sensor	1/2.3" 10.6M CMOS (Back-illuminated)		1/2.3" 10.6M CMOS (Back-illuminated)		1/5.8" 1.5M CMOS	1/4.1" 3.3M CMOS (Back-illuminated)		1/4.1" 3.3M CMOS (Back-illuminated)	
Lens	JVC HD LENS GT F1.2, 29.5mm wide		JVC HD LENS GT F1.2, 29.5mm wide		KONICA MINOLTA HD LENS F1.8	KONICA MINOLTA HD LENS F1.8		KONICA MINOLTA HD LENS F1.8	
Zoom Ratios	Optical	10x	10x	10x	40x	40x	40x	40x	40x
	Dynamic	15x	15x	15x		70x*2	70x*2	70x*2	70x*2
	Digital	200x	200x	200x	200x	200x	200x	200x	200x
2D-3D Conversion Playback	●								
High Definition Recording	Full HD 1920x1080		Full HD 1920x1080		Full HD 1920x1080	Full HD 1920x1080		Full HD 1920x1080	
Standard Definition Recording						●		●	
1080/50P Output	●		●		●	●		●	
24Mbps High Bit Rate Recording	●		●		●	●		●	
HDMI® Terminal	●		●		●	●		●	
LCD Size and Resolution	3.5" 920K-pixel		3.5" 920K-pixel		2.7" 123K-pixel	2.7" 230K-pixel		2.7" 230K-pixel	
Touch Panel LCD	●		●			●		●	
Glasses-free 3D Viewing on LCD	●								
Built-in Bluetooth® Wireless Technology	●								
Super LoLux	●		●			●		●	
Advanced Image Stabiliser	● Enhanced		● Enhanced		●	●		●	
Time-Lapse REC	●		●		●	●		●	
Auto REC	●		●		●	●		●	
Intelligent AUTO	●		●			●		●	
Smile Meter/Smile Shot	●		●			●		●	
Face Sub-Window	●		●			●		●	
Animation Effect	●		●			●		●	
High-Speed Motor Drive Recording	●		●						
Seamless Recording	●		●			●		●	
Face Recognition	●		●		Face Detection	●		●	
K2 Technology	●		●			●		●	
Auto Illumi. Light	●		●			●		●	
Auto Flash	●		●						
Lens Cover	Auto		Auto		Manual	Manual		Manual	
DSC Function	●		●		●	●		●	
2-Way Grip Belt					●	●		●	
Eye-Fi Card Ready for Wi-Fi Connection**	●		●			●		●	
Bundled PC Software	Everio MediaBrowser 3 BE** (Provided in camera)		Everio MediaBrowser 3 (Provided in camera)		Everio MediaBrowser 3	Everio MediaBrowser 3 (Provided in camera)		Everio MediaBrowser 3 (Provided in camera)	
SHARE STATION® Compatible	●								
Provided Battery	BN-VG114		BN-VG114		BN-VG114	BN-VG114		BN-VG114	
Remote Control	●								
HDMI® Cable provided	●					●			
Dimensions with battery (mm)	54x62x121		54x62x121		53x63x115	51x55x119		51x55x119	
Weight with battery (g)	370		350		305	235		235	

Approx. recording times for each storage media

GZ-HM960/HM845

Mode		Internal Memory		SDXC/SDHC Card	
		16GB	8GB	64GB	32GB
HD 1920x1080	UXP	1hr 20min	40min	5hr 50min	2hr 50min
	XP	2hr	50min	8hr 20min	4hr 10min
	SP	2hr 50min	1hr 20min	11hr 50min	5hr 50min
	EP	7hr	3hr 20min	29hr 50min	14hr 50min

GZ-HD520

Mode		Internal HDD	microSDHC Card	
		120GB	8GB	4GB
HD 1920x1080	UXP	11hr	44min	22min
	XP	15hr	1hr 3min	31min
	SP	21hr	1hr 29min	44min
	EP	50hr	3hr 43min	1hr 51min

*1 To record video, SD/SDHC/SDXC card with Class 4 or higher performance is required. SD memory cards (256MB to 2GB), SDHC memory cards (4GB to 32GB) and SDXC memory cards (48GB to 64GB) have been tested for the following brands: Panasonic, Toshiba, SanDisk. Note that using other media may result in recording failure or data loss. For compatibility of memory cards, please consult an authorised JVC dealer.

*2 In Standard Definition mode

*3 Eye-Fi, the Eye-Fi logo and Eye-Fi connected are trademarks of Eye-Fi, Inc. Use of Eye-Fi card may be illegal and prohibited in countries and regions where it has not been approved by competent authorities. Please contact Eye-Fi support for the details of approved countries and regions.

*4 Supports easy export to iTunes and BD creation.

Note: Not all models available in every region.

GZ-HM445	GZ-HM440	GZ-HM435	GZ-HM430	GZ-HM30	GZ-MS150
					
● ● ● ● ●	● ● ● ● ●	●	● ●	● ●	●
Dual SDXC Cards	Dual SDXC Cards	Single SDXC Card	Single SDXC Card	Single SDXC Card	Single SDXC Card
1/5.8" 1.5M CMOS	1/5.8" 1.5M CMOS	1/5.8" 1.5M CMOS	1/5.8" 1.5M CMOS	1/5.8" 1.5M CMOS	1/5.8" 1.5M CMOS
KONICA MINOLTA HD LENS	KONICA MINOLTA HD LENS	KONICA MINOLTA HD LENS	KONICA MINOLTA HD LENS	KONICA MINOLTA HD LENS	KONICA MINOLTA HD LENS
F1.8	F1.8	F1.8	F1.8	F1.8	F1.8
40x	40x	40x	40x	40x	40x
70x*2	70x*2	70x*2	70x*2	70x*2	70x
200x	200x	200x	200x	200x	200x
Full HD 1920x1080	Full HD 1920x1080	Full HD 1920x1080	Full HD 1920x1080	AVCHD Lite 1280x720	
●	●	●	●	●	●
●	●	●	●	● (Upconverted)	
●	●	●	●		
●	●	●	●	●	
2.7" 230K-pixel	2.7" 230K-pixel	2.7" 230K-pixel	2.7" 230K-pixel	2.7" 230K-pixel	2.7" 230K-pixel
●	●				
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●				
●	●				
●	●	Face Detection	Face Detection	Face Detection	Face Detection
●	●				
●		●			
Manual	Manual	Manual	Manual	Manual	Manual
●	●				
●	●	●	●	●	●
●	●	●	●	●	●
Everio MediaBrowser 3 (Provided in camera)	Everio MediaBrowser 3 (Provided in camera)	Everio MediaBrowser 3	Everio MediaBrowser 3	Everio MediaBrowser 3	LoiLoScope AX
BN-VG114	BN-VG114	BN-VG107	BN-VG107	BN-VG107	BN-VG107
51x55x119	51x55x119	51x55x119	51x55x119	51x55x119	51x55x119
235	235	215	215	215	215

GZ-HM6xx/HM4xx

Mode		Internal Memory	SDXC/SDHC Card		
		8GB	64GB	32GB	
HD 1920x1080	UXP	40min	5hr 50min	2hr 50min	
	XP	50min	8hr 20min	4hr 10min	
	SP	1hr 20min	11hr 50min	5hr 50min	
	EP	3hr 20min	29hr 50min	14hr 50min	
SD 720x576	SSW	2hr 30min	23hr	11hr 30min	
	SEW	5hr 20min	47hr 40min	23hr 50min	

GZ-HM30

Mode		SDXC/SDHC Card			
		64GB	32GB	16GB	8GB
HD 1280x720	LS	13hr	6hr 30min	3hr 10min	1hr 30min
	LE	30hr 20min	15hr 10min	7hr 20min	3hr 40min
SD 720x576	SSW/SS	23hr	11hr 30min	5hr 40min	2hr 50min
	SEW/SE	47hr 40min	23hr 50min	11hr 40min	5hr 50min

GZ-MS150

Mode		SDXC/SDHC Card			
		64GB	32GB	16GB	8GB
SD 720x576	LHR	16hr 30min	8hr 10min	4hr	2hr
	LSR	34hr 30min	17hr 20min	8hr 30min	4hr 10min
	LHRW	16hr 30min	8hr 10min	4hr	2hr
	LSRW	34hr 30min	17hr 20min	8hr 30min	4hr 10min

Optional Accessories

Data Battery

BN-VG114

Data Battery

- 3.6V, 1400mAh



BN-VG121

Data Battery

- 3.6V, 2100mAh



BN-VG138

Data Battery

- 3.6V, 3750mAh



Battery Charger

AA-VG1

Battery Charger

- For charging BN-VG series battery



Attention:

Everio includes patented and other proprietary technology and is made to be used with the JVC Data Battery and not with other batteries. JVC cannot guarantee safety or performance of the camcorder when it is operated by other batteries. For additional information about JVC Data Battery, please contact an authorised JVC dealer in your country.

Starter Kit

VU-VG1K

Starter Kit

- BN-VG114 Data Battery
- CB-VM15 Carrying Bag



VU-VG5K

Starter Kit

- BN-VG138 Data Battery
- CB-VM25 Carrying Bag



Carrying Bag

CB-VM9

Carrying Bag

- Can carry Everio with the battery attached



Multifunction Carrying Bag

CB-VM30/VM70/VM80

Multifunction Carrying Bag

- Can carry Everio with its series of accessories



Conversion Lens

GZ-HD520

GL-V0746

Wide-Angle Conversion Lens

- 0.7x (ø46mm)*



GL-V1846

Telephoto Conversion Lens

- 1.8x (ø46mm)*



*Adapter ring (ø37mm) required

HDMI® Cable

VX-HD315F

HDMI® Cable

- HDMI® – HDMI® mini cable, 1.5m



Everio SHARE STATION®

GZ-HM960

CU-VD50

Direct DVD Burner/Player



CU-VD3

Direct DVD Burner



- Can create AVCHD discs* without using a PC
- DVD burning operation can be controlled by Everio
- Playback directly on your TV/display via HDMI® terminal (CU-VD50)
- Uses DVD-R/RW disc, DVD-R DL disc supported
- Can be used horizontally or vertically (Stand included)
- Remote control provided (CU-VD50)

*Footage recorded in the UXP mode cannot be stored to disc with CU-VD50/VD3. Use the Everio MediaBrowser software on your PC to store footage onto hard disk drive.

HD Media Player

CU-VS100

Multi-Format Player with Dual SD Card Slot



- Plays back video saved on SD card to enjoy viewing on HDTV
- Also compatible with digital still cameras
- Dual SD Card slot for data copy over two cards
- HDMI®, Audio/Video output
- Remote control provided

Provided Accessories

- AC Power Adapter
- Rechargeable Battery Pack
- AV Cable
- USB Cable
- HDMI® Cable (GZ-HM960/HM655)
- Remote Control (GZ-HM960)
- Software CD-ROM (Select models)

Other Storage and Playback Solution Recommended Hard Disk Drives

Just connect with Everio via USB*.

Recorded data can be stored and played back with easy operation via connected Everio.

Hard Disk, Design by Neil Poulton

1TB, 2TB



*Optional USB cable required.

Note: Not all accessories available in every region. Please check with your dealer.

Design and specifications subject to change without notice. The photos of the products featured on this catalogue may not be of actual products that are available in your country.

It should be noted that it may be unlawful to re-record pre-recorded tapes, records, or discs without the consent of the owner of copyright in the sound or video recording, broadcast or cable programme and in any literary, dramatic, musical, or artistic work embodied therein. HDD models cannot be used in low pressure areas (generally places that are more than 3,000 meters above sea level).

Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. This product's YouTube™ upload functionality is included under license from YouTube LLC. The presence of YouTube™ upload functionality in this product is not an endorsement or recommendation of the product by YouTube LLC. YouTube and the YouTube logo are trademarks and/or registered trademarks of YouTube LLC.

"SHARE STATION" is a trademark of Victor Company of Japan, Limited (JVC), registered in the United States and the European Union. "AVCHD" and the "AVCHD" logo are trademarks of Panasonic Corporation and Sony Corporation. Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. The SD, SDHC and SDXC logos are trademarks of the SD Card Association. The Bluetooth® word mark and logos are registered trademarks of Bluetooth SIG, Inc. and any use of such marks by JVC is under license. All brand names are trademarks, registered trademarks, or trade names of their respective holders. Screen images and print samples on this catalogue are simulated unless otherwise specified. Copyright© 2011, Victor Company of Japan, Limited (JVC). All Rights Reserved.

JVC®

AVAILABLE AT